

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **RECOMBINANT MINIMAL CATALYTIC VANADIUM HALOPEROXIDASES AND THEIR USES** the specification of which was filed on June 19, 2000 as Application No. 09/596,794 (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

Full Name of Inventor 1:	Last Name: VREELAND, PH.D.	First Name: VALERIE	Middle Name or Initial:
Residence & Citizenship:	City: Berkeley	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1427 Edith Street	City: Berkeley	State/Country: California Postal Code: 94703

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Sole Inventor
<u>Valerie Vreeland</u>
Valerie Vreeland
Date <u>February 21, 2001</u>



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

AUGUST 20, 2001

PTAS

TOWNSEND AND TOWNSEND AND CREW LLP
KEVIN L. BASTIAN
2 EMBARCADERO CENTER, 8TH FLOOR
SAN FRANCISCO, CA 94111-3834



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/04/2001

REEL/FRAME: 011876/0906

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VREELAND, VALERIE

DOC DATE: 02/21/2001

ASSIGNEE:

REGENTS OF THE UNIVERSITY OF
CALIFORNIA, THE
1111 FRANKLIN STREET, 12TH FLOOR
OAKLAND, CALIFORNIA 94607-5200

SERIAL NUMBER: 09596794

FILING DATE: 06/19/2000

PATENT NUMBER:

ISSUE DATE:

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-13-2001



Attorney Docket No. 02307O087110

FORM PTO-1595
(Rev. 6-93)

101748462

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

VALERIE VREELAND

Additional name(s) of conveying parties attached? Yes No

3. Nature of conveyance:

6-4-2001

- Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: February 21, 2001

2. Name and address of receiving party(ies)

Name: The Regents of the University of California

Internal Address:

Street Address: 1111 Franklin Street, 12th Floor

City: Oakland State: California ZIP: 94607-5200

Additional names and addresses attached? Yes No

4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is: June 19, 2000

A. Patent Application No(s): 09/596,794

B. Patent No(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved 1

Name: Kevin L. Bastian
 TOWNSEND AND TOWNSEND AND CREW LLP
 Two Embarcadero Center, 8th Floor
 San Francisco, California 94111-3834
 (415) 576-0200

7. Total fee (37 CFR 3.41): ----- \$40.00

 Enclosed Charge Fees to Deposit Account Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number: 20-1430

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Kevin L. Bastian
 Name of Person Signing

May 31, 2001
 Date

Atty. Reg. No. 34,774

Total number of pages including cover sheet, attachments and document 4

10. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover to:

Asst. Commissioner for Patents
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ASSIGNMENT

U.C. Case No. 2000-468-1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR,

1. Valerie Vreeland

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin St., 12th Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

RECOMBINANT MINIMAL CATALYTIC VANADIUM HALOPEROXIDASES AND THEIR USES

and which is found in

- (a) U.S. provisional application filed herewith and listing the above-named persons as inventors
- (b) U.S. patent application filed herewith and listing the above-named persons as inventors
- (c) U.S. application serial no. 09/596,794, filed on June 19, 2000
- (d) U.S. Patent No.: _____, issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

21st day of February, 2001

Signature of Inventor(s)

Valerie Vreeland

Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Application Number	09/596,794
	Filing Date	June, 19, 2000
	First Name Inventor	VREELAND
	Title	RECOMBINANT MINIMAL CATALYTIC VANADIUM HALOPEROXIDASES AND THEIR USES
	Group Art Unit	1652
	Examiner Name	WALICKA, M.
	Attorney Docket Number	02307O-087110US

I hereby appoint:

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as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name Linda S. Stevenson

Signature

Linda S. Stevenson
October 3, 2001

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of forms are submitted.

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SF 1273998 v1

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: The Regents of the University of California

Application No./Patent No.: 09/596,794 Filed/Issue Date: June 19, 2000

Entitled: Recombinant Minimal Catalytic Vanadium Haloperoxidases and Their Uses

The Regents of the University of California, a University

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011876, Frame 0906, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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Additional documents in the chain of title are listed on a supplemental sheet.

- Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

October 3, 2001

Date

Linda S. Stevenson

Signature

Linda S. Stevenson

Typed or printed name

Manager, Patent Prosecution

Title

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